

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference S 245 PCT	FOR FURTHER ACTION <small>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</small>	
International application No. PCT/SE 2004/001148	International filing date (<i>day/month/year</i>) 26 July 2004	(Earliest) Priority Date (<i>day/month/year</i>) 8 August 2003
Applicant Stern, Leif		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**
 - a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
 - b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.
2. Certain claims were found unsearchable (see Box No. II)
3. Unity of invention is lacking (see Box No. III)
4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:
5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.
6. With regard to the drawings,
 - a. the figure of the drawings to be published with the abstract is Figure No. 7

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.
 - b. none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001148

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B65B 67/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B65B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4457483 A (GAGNE), 3 July 1984 (03.07.1984), figures 6-13 --	1-10
Y	US 6296212 B1 (MONAHAN), 2 October 2001 (02.10.2001), figures 1-3e --	1-10
A	FR 2780029 A1 (MILIN MARCEL), 24 December 1999 (24.12.1999), figures 1-2 --	1-10
A	US 3936087 A (ALEXANDER), 3 February 1976 (03.02.1976), figures 1-5 --	1-10

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
7 December 2004

Date of mailing of the international search report

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001148

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4749011 A (RYLANDER), 7 June 1988 (07.06.1988), figures 1-8 --	1-10
A	US 4760982 A (COOKE), 2 August 1988 (02.08.1988), figures 1-5 --	1-10
A	US 4955496 A (NELSON), 11 Sept 1990 (11.09.1990), figures 1-5 --	1-10
A	US 5716033 A (GIBSON), 10 February 1998 (10.02.1998), figures 1-7 --	1-10
A	US 6007030 A (JUDGE), 28 December 1999 (28.12.1999), figures 12-18 --	1-10
A	US 6520554 B2 (DITZIK), 18 February 2003 (18.02.2003), figures 1-3 -- -----	5

INTERNATIONAL SEARCH REPORT

Information on patent family members

30/10/2004

International application No.

PCT/SE 2004/001148

US	4457483	A	03/07/1984	NONE		
US	6296212	B1	02/10/2001	NONE		
FR	2780029	A1	24/12/1999	NONE		
US	3936087	A	03/02/1976	NONE		
US	4749011	A	07/06/1988	NONE		
US	4760982	A	02/08/1988	AU	1321188 A	22/09/1988
				GB	2202203 A	21/09/1988
				GB	8805841 D	00/00/0000
US	4955496	A	11/09/1990	NONE		
US	5716033	A	10/02/1998	CA	2205690 A	25/01/1998
US	6007030	A	28/12/1999	US	5897084 A	27/04/1999
US	6520554	B2	18/02/2003	US	20020038956 A	04/04/2002